



The Submarine On Board Training Newsletter

Making Qualifying More Effective



Admiral's Corner

Today's submarine force is faced with many challenging missions and fewer assets around the world. The high standards for submarine personnel necessitate a well rounded, coordinated training program from accession training to onboard training. This will directly impact those at sea today operating our submarines because every person we lose from our Submarine Force for failing to qualify or who are allowed to "fall by the wayside," is an individual the recruiters must replace. Each and every one of us must work hard to do what we can to better train and support more enthusiastically our young submariners in their qualification and ongoing training.

As we think about newly reporting personnel as they come aboard our ships, consider whether you are doing all that you can to make them feel valuable to your "submarine team". Think about how you bring your new teammates aboard. Are they assigned a mentor, are SOBT resources available for their use, are they guided through that first qualification, and does that first qualification happen quickly so they can assume a role on the ship's team? The faster you bring your "rookies" into a position where they can play a significant role on your team, the better each individual will feel about himself and the better use your team will make of all its players. This process can make a significant impression on our new people and can reduce attrition. In the end, reduced attrition means more efficient and better focused recruiting in support of our Submarine Force and our Navy. The Submarine On Board Training organization stands ready to make training and qualification effective and efficient.

If you need other products developed which could help you onboard your ships, make those needs known to us at

SPRING

Contents

Admiral's Corner.....	1
Theme/Technical Support.....	2
ADCAP/SWS.....	3
Trident Qual Program/Senior Supervisor Training.....	4
From The Greasy Keyboard/ SOBT HI-LITES.....	5
Feedback Forum.....	6
Sigrec/SOBTProducts.....	7
SOBT Points of Contact.....	8

Commander Submarine Group TWO in writing, by phone, by fax or the INTERNET. The address and numbers are in this newsletter.

J.B. Padgett

Suggested Distribution of Copies

CO, XO, and COB (1 copy) - SOBT Products Manager (1 copy)

This distribution of SOBT Training Trends will ensure that everyone will be aware of new SOBT products available for training needs.

Distribution Statement A: Approved for public release; distribution is unlimited.

Theme

Laptop Issues



Floppy Disk Eject Button

Many Panasonic CF-61 laptop computers were sent to the repair depot to replace broken or missing floppy disk eject buttons. By design the eject button sits flush with the side of the floppy drive when no floppy disk is inserted in the drive. However, when a floppy disk is inserted, the eject button will stick out approximately one quarter of an inch ($\frac{1}{4}$ "). The eject button is only a plastic extender that is press-fit on the disk ejector operator lever housed within the disk drive casing. The button is vulnerable to breakage if the laptop is moved or carried with a floppy disk inserted in the disk drive.

The eject button is not a repairable item. Replacement of the entire floppy drive is required. To replace one \$1.67 floppy disk eject button costs more than \$84.67 after you add in the cost of shipping: \$46.00, at an average of \$23.00 each way, and the cost of a new floppy drive of \$37.00. Note: the \$84.67 does not include labor costs. BE CAREFUL when using and transporting the Panasonic CF-61 laptop computer. Remember to remove all CD-ROMs and Floppy Disks from the laptop before transporting.

Y2K

Panasonic CF-61 laptop computers, are fully Y2K compliant.
Panasonic CF-41 laptop computers,

are Y2K compliant. However; the date in CMOS will not automatically advance to the year 2000. The date needs to be manually entered the first time the laptop is turned on after 0001 on 1 Jan 2000.

To manually change the date in CMOS follow these steps:

- a. **Turn on the laptop**
- b. **Restart in DOS mode**
- c. **At the windows prompt type "date"**
- d. **When it asks you to enter new date type in the full date 9E... 01/01/2000**
- e. **Reboot**

Microsoft reported that Windows 95 is Y2K compliant with some minor issues. A plug-in is available from Microsoft to resolve the Y2K issues for users of Windows 95, 98 and NT. Even without the plug-in the SOBT laptops will not suffer any catastrophic effects. SOBT courseware is not date sensitive, and Y2K presents no problem to any current or previously issued interactive courseware.

Technical Support for Laptop Computers

SOBTDS call 1 (800) 828-6289 in Norfolk area call (757) 368- 9242 0800-1700 (EST)

SNAP or ATIS call JMCIS at 1 (800) 869-6413

3Com, EtherLink III, Lan+33.6 Modem PC card 1(800)876-3266

Brand New Laptop Support in Bangor Washington

Commands in Bangor should obtain technical support for all SOBTDS, SNAP, ATIS laptops and ICWTS Mini-Towers at the new Naval Intermediate Maintenance Facility Pacific Northwest. For service call NAVIMFACPACNORWEST at (360) 315-1743 and submit an a OPNAV 4790/2K with each laptop or computer requiring service.



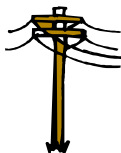
ADCAP



MK 48 ADCAP 8.7.X

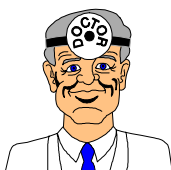
You can soon expect to see a COMSUBGRU TWO SOBT deletion letter deleting five (5) SOBT ADCAP videos. Yes, all 8.7 ADCAPS have been removed from the fleet, and therefore the associated classified ADCAP videos should be removed from your SOBT inventory sheets. These include: SOBT-2-05-08-87, SOBT-2-001-8.7-01-91, SVT-W-9201, SVT-W-9314, and SVT-W-9330. The deletion letter is authority for their destruction which should be done in accordance with applicable security directives.

ADCAP WIRE PROBLEMS (Hardware and Tactical)



Hey Guys, we've been hearing some stories about ADCAP wire problems. Both hardware (TMD operations/ wire hook-up) and tactics (wire clearance/ wire-guide reliability) are being discussed by weaponeers. We at SOBT were happy to get this feedback, so we could investigate getting these problems on the SOBT priorities list and funded for training product development. Our concern is that we may be getting training deficiency problems from second-hand sources when we spend so much time promoting our EASY,EASY FEEDBACK system. A training video is much more likely to happen if SOBT gets a Feedback form or e-mail feedback from you

guys IN THE FLEET identifying a training need based on an operation you just completed. A training product can be made only if a need is identified. **TELL US WHERE IT HURTS!**



E-mail us at SOBT@csg2.navy.mil. Your point of contact is Mr. Joe Valchar.

Strategic Weapons Systems (SWS)



Trident I 28 VDC Ground Fault Troubleshooting, Version 2 (ICW-F004)

This is a re-issue of the Trident I 28 VDC Ground Fault Troubleshooting computer based instruction originally issued on 3.5" floppy disks. The CD-ROM is designed to provide an overview of

the 28 VDC power distribution system used in the Trident I MK 98 MOD 0 Fire Control System. It includes an explanation of ground faults, relay charts and allows the trainee to troubleshoot 28 VDC ground faults within the courseware.

Navigation Supervisor Watch Practices, (ICW-N006)

This interactive training module for training new Navigation Watch Supervisors can also be used as refresher training for the experienced NAV-SUP. This course will include four mini-simulations of a trainee standing the Navigation Supervisor of the watch under instruction (UI). The trainee is required to respond to events according to subsystem knowledge and watch turnover information.

Your point of contact is Mr. Paul Knieser.

Trident Basic Enlisted Submarine Qualification Program



The Trident qualification program update nears completion. The final reviews were just completed. Your inputs were very important for the developer in making final technical corrections to the courseware. We are now busy assembling these final modules for distribution to the fleet. In an effort to make this courseware more convenient and easier to use we grouped all the ship systems (as outlined in Phase IV of the SSBN 726 Class Enlisted Qualification Guide) for each of the qualification blocks on one CD-ROM. Each CD will be labeled with the same block number as the systems it contains, as shown here:

Block I SEA WATER SYSTEMS
Trim, Main drain, Missile Compensation, Hovering, Tanks and Compartments.

Block II AIR SYSTEMS
High Pressure Air, Service Air and Main Ballast Tank Blow

Block III HYDRAULIC SYSTEMS
Ship Service Hydraulics, Steering and Diving Hydraulics, External Hydraulics, Emergency Flood Control and Stern Diving Hydraulics.

Block IV ATMOSPHERE SYSTEMS
Ventilation, O2 Generators, CO-H2 Burners, Oxygen and Scrubbers.

Block V ELECTRICAL SYSTEMS
Battery & DC distribution, SSTG, SSMG & 400 VAC Distribution, Lighting & 120 VAC Distribution, 400 Hz Distribution, Ship Control and IC Communications.

Block VI BASIC POWER PLANT
Basic Primary Power Plant, Electronics & Auxiliary Fresh Water, Distilling Plants, Chilled Water and Air Conditioning Plant.

Block VII MISCELLANEOUS SYSTEMS

Sanitary & Plumbing, Diesel & Snorkel, Trash Disposal Equipment, Refrigeration, Topside, Bridge, Masts and Antennas.

Block VIIa BASIC COMBAT SYSTEMS pt 1

3-inch & 5-inch Launchers, Launcher & Missile Tubes Central Computer Complex and Sonar.

Block VIIb BASIC COMBAT SYSTEMS pt2

Torpedo Fire Control, Torpedo Tubes and Missile Fire Control.

Block IX BASIC OPS SYSTEMS
Navigation, Radar, ESM and Radio.

Your point of contact is Mr. Paul Knieser.

SigRec

Looking for a library of signals for Signal Recognition Trainer? SigRec makes it easy to build one. Creating a signal you'll enter the properties that define the signal: Such as Identification, RF, Pulse, and Scan parameters. The SigRec user's manual has the step-by-step procedure (Chapter 3) to guide you through the creation of the signal.

Your point of contact for Navigation and ESM is ETC (SS) Thompson.

Senior Supervisor Training



You should have already received your copies of two new SOBT products designed for the wardroom and senior control room watchstanders.

Lessons Learned (ICW-T-98081) is a new view of three lessons learned based on collisions. This courseware allows you to view the events from control or the bridge, seeing and hearing the events as they progress to becoming another lesson learned. This courseware is designed for individual use but could be incorporated into small group training.

Security Training for Submarine Navigators (ICW-T-98082) is designed as an introduction to the requirements in OPNAVINST 5510.1(H). Although this does not replace the Type Commander requirement to attend the Security Manager Course, it will provide your senior security personnel with key knowledge on security requirements and procedures.

Additionally, you will soon be seeing three products also designed for Wardroom and senior control room watchstander training. Submarine Groundings (CBI-ID-96075), Submarine Collisions (CBI-ID-96074), and Submarine Collision and Grounding Brief PowerPoint Presentation (CBI-T-99011) are all

being distributed within the next few weeks. The Groundings ICW and Collisions ICW are designed for individual use but can be adapted for small group training. The Collision and Grounding Brief is a Microsoft PowerPoint adaptation of the Type Commander's "Submarine Force Collision and Grounding Briefs." With the issue of the PowerPoint presentation we will no longer be issuing changes in slide format. All future changes will be in PowerPoint.

Your point of contact is Mr. Ned Kamradt.

FROM THE GREASY KEYBOARD



1999 SOBT Survey preliminary results

Thanks to all of the submarines that made time for the SOBT Staff when we conducted the 1999 product usage survey in January and February. We talked to 37 submarine crews, both Trident and Fast Attack, in every homeport. Extra thanks go out to FTC Charlie Brown in Kings Bay and ETC Dan McGuire in Bangor for the support in

those two locations. Specific survey results will be discussed in the summer newsletter, but I'll touch on some of the highlights.

Overall, SOBT product use is on the rise, fleet-wide. This is apparent not only in the survey results, but in discussions we had with you. We know most of you are using the qualification software because you have comments on current content and what you'd like to see in future improvements. Also, we've gotten feedback through the survey as well as through the normal SOBT feedback system telling us that your qualification times are faster and your knowledge retention levels are higher. We're still suffering a little bit in dissemination of this newsletter and in the promotion of newly released training products when they're received onboard, but our readership is growing.

Wardroom awareness and use of SOBT products is also increasing, and we attribute this to our briefings to the SOAC classes by the SOBT Manager, LTJG Milano, and the briefings presented to the PXO and PCO classes by the SOBT Director. Our list of products designed for officer individual and team training environments continues to grow, and they should be viewed with a critical eye as to what gaps can be filled in with these items. Review of all SOBT products by the Wardroom and the Chief's Quarters is an essential part of any effective training program. Remember, please, that SOBT videos and ICW are meant to enhance whatever training you already have in place. "Another tool in the tool box".

For specific questions concerning the 1999 survey your point-of-contact is MMC(SS) Shawn W. Irish.

SOBT HI-LITES



"TO ALL NAVY SHORE COMMANDS"

Over the past several months, I have received requests for videos in 8mm vice VHS format.



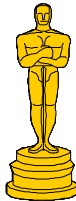
In the past we have shipped VHS format to shore commands and 8mm format to submarines. We need to know which shore commands are converting their equipment from VHS to 8mm for training use. We need your help in this matter as soon as possible so we can make the corrections to our future distributions of products. Thank you for your support, keep up the good work, and always remember to promote the SOBT Program onboard.



Your point of contact is Mr. Ralph Marquez.

FEEDBACK FORUM

Thank you very much if you are among those who have taken time out of their busy day to send us constructive criticism! We have received many feedback reports during the past quarter that were worthy of consideration for the prestigious feedback of the quarter award. After due consideration, detailed analysis, and a little bit of arbitrary decision making, we have a winner. The winner of the prestigious SOBT feedback of the quarter award for the past quarter (January - March) is



USS JACKSONVILLE SSN 699 for the following detailed comments on the SOBT Training Planning System CD ROM:

After receiving your new product SOBT Training Planning System I conducted a thorough evaluation of the product and noted the following deficiencies: While accessing the web page and newsletter menu options received a fatal program error and had to restart the computer. Catalog search mode was unsatisfactory. When conducting a search using FT div. The list was incomplete because the custodian headings are not consistent ie.... Ft, Weapons, Weapons Officer, SOBT Manager, Combat, CSO, Ops Officer all contain topics for FT division. The custodian headings should reflect the chain of command as listed in the COMSUBLANT SSORM. Could not print the entire catalog with any type of sort order; Currently ship's inventory is on Excel which gives me a great deal of control for sorting and printing. The serial/product numbering scheme

needs to be consistent, even if this means renumbering some of the products currently in circulation. Some good examples are SVT-N-9310 and SVT-DC-9659. This makes the product bulky and time consuming to use. Recommend putting the catalog in Excel, limiting the custodians, and renumbering the products.

EDITOR'S NOTE: A big BZ goes out to USS JACKSONVILLE for showing such a great interest in providing the fleet with the most correct and up to date training products. As far as your specific points, here we go:

■ **Fatal errors when accessing web pages and Newsletter:** Definitely our fault. We didn't realize when we shipped the product that certain Dynamic Link Libraries (DLL's) were needed but not included with the product. These DLL's are initially installed when Microsoft Office is installed, therefore if you have never installed Microsoft Office, you may have a problem. Feedback from concerned users like JACKSONVILLE brought this to our attention and the problem has been corrected with the upcoming issue.

■ **Catalog Search Mode is unsatisfactory:** Searches currently may be conducted using Title, Serial, Media, 3M Work Center Codes, Classification, or Custody. For example, you could search for WQ01 and would get all products applicable to Sonar division training. We have noted a problem as you mentioned with inconsistently treating products that cross divisional boundaries. We will work to correct this.

■ **Could not print the entire catalog:** If you select "Search SOBT Products", then "View Entire Catalog". You should have a print option available at the bottom of the screen. This function should also

work regardless of how the data are sorted.

■ **The serial/product numbering scheme needs to be consistent, even if this means renumbering some of the products currently in circulation.** This system has evolved throughout the life of the SOBT program and you are correct! Renumbering existing products would cause a great deal of confusion and effort, but we will keep your suggestion in mind for the future.

Thanks again for your valuable input and keep up the good work!



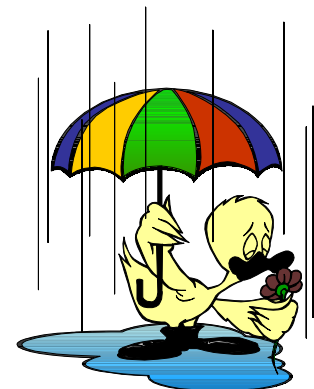
SOBT Products Distributed This Quarter

1. Submarine On Board Training (SOBT) AN/USC-42 (V) 2 (C) and AN/USC-42A (V) 2 (C) Mini-DAMA Computer Based Instruction (CBI), (CBI-C-98068)
2. Lessons Learned Version 1.0 ICW-T-98081
3. Submarine Hydraulic Plant Maintenance and Modes of Operations (CBI-AX-98102)
4. Rules of Engagement (ICW-T-98053)
5. Submarine Ship Control Program for SSN 688 I Class, Version 1.0 (CBI-SC-97056)
6. CCS MK-2 Torpedo Launch (TTL) Training Model Torpedo Tube Launch (TTL) Training Model Computer Courseware (CBI-F-9857), Version 2.62
7. CCS MK-1 Torpedo Tube Launch (TTL) Training Model Computer Courseware (CBI-F-98126) Version 2.62
8. EMI Awareness Course (ICW-EMI-97008)
9. EMC Technician Refresher Training (ICW-EMI-99009)

SOBT Products Deleted This Quarter

1. SOBT "INTERLOCKS CCS MK-1 TTL VERSION 2.30 " Interactive Courseware (ICW) (CBI-F-9604)
2. MK48 ADCAP - A Comparative Technical Report (SOBT - 2- 05 - 08 - 87)
3. MK 48 ADCAP-Presents, Operations and Special Tactics 8.7 (SOBT - 2 -001 - 8.7 - 01 -91)
4. ADCAP Shipboard Milestones 8.7 (SVT-W-9201)
5. Torpedo MK48 ASCAP Lessons Learned (SVT-W-9314)
6. Torpedo Mk 48 ADCAP 8.7 Run Profiles (SVT-W-9330)

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